

Name: _____

at1110paper__practice__test (v117)

1. Expand the following expression into standard form.

$$(6x - 5)^2$$

2. Factor the expression.

$$49x^2 - 64$$

3. Expand the following expression into standard form.

$$(4x + 7)(9x + 8)$$

4. Solve the equation with factoring by grouping.

$$20x^2 - 24x - 15x + 18 = 0$$

5. Solve the equation.

$$(4x + 3)(2x - 5) = 0$$

6. Factor the expression.

$$x^2 - x - 6$$

7. Solve the equation.

$$6x^2 - 15x + 16 = 4x^2 - 2x - 5$$

8. Expand the following expression into standard form.

$$(5x + 2)(5x - 2)$$